

1       **What Is Claimed Is:**

1. A transmission tool (10) comprising:

6           A) a jig (12) which comprises a jig body (12A) securely connected at a front distal end to a jig first member (12B) and further securely connected at a rear distal end to a jig second member (12D), the jig second member (12D) comprises a slightly smaller diameter than a diameter of the jig body (12A), the jig body (12A) comprises a jig second member pin (12DA) extending outwardly therefrom, a hollow jig cylinder (12C) is positioned through the jig body (12A) and the jig first member (12B) and the a jig second member (12D);

11

          B) a reamer (14) comprises a reamer collar (14A) having a threaded cylinder centrally positioned there through, the reamer collar (14A) comprises a reamer collar channel (14AA) therein, the reamer (14) further comprises a reamer shaft (14B) having a reamer shaft thread (14BB) positioned at a back distal end thereof, the reamer shaft (14B)

16

1 comprises a slightly smaller diameter than a diameter of the jig cylinder  
(12C), the reamer shaft (14B) further comprises a reamer shaft cutter  
(14BA) positioned at a front distal end thereof; and

C) an inserter (16) comprises a slightly smaller diameter than the reamer  
collar channel (14AA), the inserter (16) further comprises an inserter  
6 male member (16A) having a slightly smaller diameter than a bushing  
(18).

- 1        2. The transmission tool (10) as described in claim 1, wherein the jig first member  
(12B) comprises a jig first member shroud (12BA) positioned around an outer  
surface thereof.
3. The transmission tool (10) as described in claim 1, wherein the reamer shaft  
(14B) further comprises a reamer shaft nut (14BC) securely attached at a rear  
6        distal end thereof.
4. The transmission tool (10) as described in claim 1, wherein the jig (12), reamer  
(14), and inserter (16) are manufactured from a material selected from a group consisting of steel, stainless steel, and titanium.
5. The transmission tool (10) as described in claim 1, wherein the jig first member  
11        shroud (12BA) is manufactured from a material selected from a group consisting  
of plastic, plastic composite, nylon, rubber, and rubber composite.

- 1      6. The transmission tool (10) as described in claim 1, wherein the reamer shaft cutter (14BA) is removably attachable to the reamer shaft (14B).